## ABSTRACT OF THE DISCLOSURE

A glass for substrate, which consists, as represented by mass percentage, essentially of:

	$SiO_2$	40	to	59%,	
5	Al <sub>2</sub> O <sub>3</sub>	5	to	20%,	
	$B_2O_3$	0	to	8%,	
	MgO	0	to	10%,	
	CaO	0	to	12%,	
	SrO	2	to	20%,	
10	BaO	0	to	2%,	
	Zn0	0	to	4%,	
	Li <sub>2</sub> O	0	to	2%,	
	Na <sub>2</sub> O	0	to	10%,	
	K <sub>2</sub> O	0	to	12%,	
15	$TiO_2$	0	to	10%,	and
	ZrO2	0	to	5%,	

wherein MgO+CaO+SrO+BaO is at least 15%.